SEQUENCE LISTING

<110> Kureha Chemical Industry Company Limited

MUKAIDA, Naofumi

FUJII, Chifumi

<120> Polypeptide associated with hepatocellular carcinoma, polynucleotide encoding the polypeptide and RNA molecule supressing the polypeptide expression

<130> 0701011WO1

<140> US10/567,681
<141> 2006-02-09

<150> PCTJP04/11669
<151> 2003-08-11

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 326

<212> PRT

<213> Homo sapiens

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Met Leu Leu Ser Lys Phe Gly Ser Leu Ala His Leu Cys Gly Pro Gly
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Gly Val Asp His Leu Pro Val Lys Ile Leu Gln Pro Ala Lys Ala Asp
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Lys Glu Ser Phe Glu Lys Ala Tyr Gln Val Gly Ala Val Leu Gly Ser
35 40 45

Gly Gly Phe Gly Thr Val Tyr Ala Gly Ser Arg Ile Ala Asp Gly Leu
50 55 60

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Pro Val Ala Val Lys His Val Val Lys Glu Arg Val Thr Glu Trp Gly
65                  70                  75                  80

Ser Leu Gly Gly Ala Thr Val Pro Leu Glu Val Val Leu Leu Arg Lys
                85                  90                  95

Val Gly Ala Ala Gly Gly Ala Arg Gly Val Ile Arg Leu Leu Asp Trp
            100                 105                 110

Phe Glu Arg Pro Asp Gly Phe Leu Leu Val Leu Glu Arg Pro Glu Pro
        115                 120                 125

Ala Gln Asp Leu Phe Asp Phe Ile Thr Glu Arg Gly Ala Leu Asp Glu
    130                 135                 140

Pro Leu Ala Arg Arg Phe Phe Ala Gln Val Leu Ala Ala Val Arg His
145                 150                 155                 160

Cys His Ser Cys Gly Val Val His Arg Asp Ile Lys Asp Glu Asn Leu
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Leu Val Asp Leu Arg Ser Gly Glu Leu Lys Leu Ile Asp Phe Gly Ser
            180                 185                 190

Gly Ala Leu Leu Lys Asp Thr Val Tyr Thr Asp Phe Asp Gly Thr Arg
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Val Tyr Ser Pro Pro Glu Trp Ile Arg Tyr His Arg Tyr His Gly Arg
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Ser Ala Thr Val Trp Ser Leu Gly Val Leu Leu Tyr Asp Met Val Cys
225                 230                 235                 240

Gly Asp Ile Pro Phe Glu Gln Asp Glu Glu Ile Leu Arg Gly Arg Leu
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Leu Phe Arg Arg Arg Val Ser Pro Glu Cys Gln Gln Leu Ile Arg Trp
            260                 265                 270

Cys Leu Ser Leu Arg Pro Ser Glu Arg Pro Ser Leu Asp Gln Ile Ala
        275                 280                 285

Ala His Pro Trp Met Leu Gly Ala Asp Gly Gly Ala Pro Glu Ser Cys
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Asp Leu Arg Leu Cys Thr Leu Asp Pro Asp Asp Val Ala Ser Thr Thr
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<213> Homo sapiens

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cggggtcccg attcgccccg cccccgcgga gggatacgcg gcgccgcggc ccaaaacccc 240

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<223> chemically synthesized; Pim-3 sense primer

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<211> 20

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<212> DNA

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<223> chemically synthesized; GAPDH antisense primer

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<210> 7

<211> 20

<212> DNA

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<223> chemically synthesized; Probe used in first screening of hPim-3

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<211> 19

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<223> chemically synthesized; Epitop used in the production of antibody to hPim-3 polypeptide

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Ala Lys Ala

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<211> 21

<212> DNA

<213> Artificial sequence

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<223> chemically synthesized; Targeted mRNA

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<210> 10

<211> 21

<212> RNA

<213> Artificial sequence

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<223> chemically synthesized; siRNA in example 9

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<210> 11

<211> 19

<212> RNA

<213> Artificial sequence

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<223> chemically synthesized; Random RNA fragment

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